

+ helping adj 10 (hematopoietic or endothelial \$3)

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☐ 1. Document ID: WO 9523567 A1, AU 9513597 A, AU 9518856 A

Entry 1 of 2

File: DWPI

Sep 8, 1995

DERWENT-ACC-NO: 1995-320381

DERWENT-WEEK: 199541

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TITLE: Modular ceramic knee prosthesis - has femoral and tibial components made with medullary stems with lateral holes for screwing into bones

INVENTOR: BEN-NISSAN, B; ETHERINGTON, G; HUCKSTEP, R L; LUTTON, P; MERCER, D; PAYTEN, W M; POLLACK, A; SWAIN, M; MERCER, D J

PRIORITY-DATA:

1994AU-0004177

March 3, 1994

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9523567 A1	September 8, 1995	E	022	A61F002/38
AU 9513597 A	September 14, 1995	N/A	000	A61F002/38
AU 9518856 A	September 18, 1995	N/A	000	A61F002/38

INT-CL (IPC): A61F 2/38; A61L 27/00

ABSTRACTED-PUB-NO: WO 9523567A

BASIC-ABSTRACT:

Knee prosthesis consists of a femoral component (1) with anterior projection (6) extending upwards and two posterior projections (7) extending in the same direction to correspond to the shape of the distal end of the femur. The femoral component has a ceramic or metal load-bearing surface portion secured to a metal backing tray and adapted to mate with a plastic load-bearing surface on the tibial component (16).

The backing tray (18) has an adjustable angle femoral medullary stem (4) with lateral bores to receive femoral bone screws (3). A tibial intermedullary stem (24a, 24b) extends from the tibial backing tray (26a, 26b), also made with lateral bores for bone screws (25a, 25b). The tibial component load-bearing section and backing tray are in two parts, each having an angled stem.

ADVANTAGE - Allows mass prodn. of some components while others are custom-made to fit individual patient.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 2. Document ID: AU 9916451 A, WO 9518856 A1, AU 9515207 A, EP 741783 A1, JP 09507853 W, KR 97700245 A, NZ 278765 A, US 5789543 A, US 5844079 A, AU 704178 B

DERWENT-ACC-NO: 1995-255060

DERWENT-WEEK: 199932

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TITLE: Hedgehog-like protein(s) and nucleic acid(s) encoding them - useful to treat degenerative nervous system disorder(s) and in gene therapy.

INVENTOR: INGHAM, P W; MCMAHON, A P ; TABIN, C J ; INGHAM, P

PRIORITY-DATA:

1994US-0356060

December 14, 1994

1993US-0176427

December 30, 1993

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 9916451 A	May 27, 1999	N/A	000	C07K014/475
WO 9518856 A1	July 13, 1995	E	210	C12N015/12
AU 9515207 A	August 1, 1995	N/A	000	C12N015/12
EP 741783 A1	November 13, 1996	E	000	C12N015/12
JP 09507853 W	August 12, 1997	N/A	282	C07K014/47
KR 97700245 A	January 8, 1997	N/A	000	C12N015/12
NZ 278765 A	May 27, 1998	N/A	000	C07K014/46
US 5789543 A	August 4, 1998	N/A	000	C07K014/00
US 5844079 A	December 1, 1998	N/A	000	C07K014/00
AU 704178 B	April 15, 1999	N/A	000	C12N015/12

INT-CL (IPC): A01K 67/027; A61K 31/70; A61K 35/12; A61K 35/76; A61K 38/00; A61K 38/17 ; A61K 38/27; A61K 48/00; C07H 21/02; C07H 21/04; C07K 14/00; C07K 14/435; C07K 14/46; C07K 14/47; C07K 14/475; C07K 16/18; C12N 15/09; C12N 15/12; C12N 15/70; C12N 15/74; C12N 15/79; C12P 21/02 ; C12Q 1/68; C12P 21/02; C12R 1/91

ABSTRACTED-PUB-NO: US 5789543A

BASIC-ABSTRACT:

A novel pure prepn. of a hedgehog (HH)-like protein comprises a polypeptide with an amino acid (AA) sequence identical or homologous to a vertebrate HH protein and not identical to a given 471 sequence.

USE - The probe/primer is useful to detect genetic lesions associated with unwanted cell differentiation, de-differentiation or proliferation. They can also be used in diagnostic kits to identify cells or tissues mis-expressing a HH protein. The protein is used to induce cells to differentiate to a neuronal cell phenotype and to modulate cell growth, differentiation or survival. It is partic. useful to treat a degenerative disorder of the nervous system characterised by neuronal cell death, pref. neuromuscular, autonomic or CNS disorders, e.g. Alzheimer's, Parkinson's disease, amyotrophic lateral sclerosis, Pick's disease, Huntingdon's disease, multiple sclerosis, neuronal damage resulting from anoxia-ischemia or trauma or neuronal degeneration associated with the natural aging process (claimed). The NA may be used in antisense therapy to inhibit expression of a HH protein. It can also be used for therapeutic, diagnostic and research purposes. Gene constructs including the NA can also be used as part of a gene therapy protocol. The antibodies can be used to block the action of the HH proteins and allow the study of the role of these proteins, e.g. in embryogenesis and/or maintenance of differentiated tissue.

ABSTRACTED-PUB-NO:

US 5844079A EQUIVALENT-ABSTRACTS:

A novel pure prepn. of a hedgehog (HH)-like protein comprises a polypeptide with an amino acid (AA) sequence identical or homologous to a vertebrate HH protein and not identical to a given 471 sequence.

USE - The probe/primer is useful to detect genetic lesions associated with unwanted cell differentiation, de-differentiation or proliferation. They can also be used in

diagnostic kits to identify cells or tissues mis-expressing a HH protein. The protein is used to induce cells to differentiate to a neuronal cell phenotype and to modulate cell growth, differentiation or survival. It is partic. useful to treat a degenerative disorder of the nervous system characterised by neuronal cell death, pref. neuromuscular, autonomic or CNS disorders, e.g. Alzheimer's, Parkinson's disease, amyotrophic lateral sclerosis, Pick's disease, Huntingdon's disease, multiple sclerosis, neuronal damage resulting from anoxia-ischemia or trauma or neuronal degeneration associated with the natural aging process (claimed). The NA may be used in antisense therapy to inhibit expression of a HH protein. It can also be used for therapeutic, diagnostic and research purposes. Gene constructs including the NA can also be used as part of a gene therapy protocol. The antibodies can be used to block the action of the HH proteins and allow the study of the role of these proteins, e.g. in embryogenesis and/or maintenance of differentiated tissue.

A novel pure prepn. of a hedgehog (HH)-like protein comprises a polypeptide with an amino acid (AA) sequence identical or homologous to a vertebrate HH protein and not identical to a given 471 sequence.

USE - The probe/primer is useful to detect genetic lesions associated with unwanted cell differentiation, de-differentiation or proliferation. They can also be used in diagnostic kits to identify cells or tissues mis-expressing a HH protein. The protein is used to induce cells to differentiate to a neuronal cell phenotype and to modulate cell growth, differentiation or survival. It is partic. useful to treat a degenerative disorder of the nervous system characterised by neuronal cell death, pref. neuromuscular, autonomic or CNS disorders, e.g. Alzheimer's, Parkinson's disease, amyotrophic lateral sclerosis, Pick's disease, Huntingdon's disease, multiple sclerosis, neuronal damage resulting from anoxia-ischemia or trauma or neuronal degeneration associated with the natural aging process (claimed). The NA may be used in antisense therapy to inhibit expression of a HH protein. It can also be used for therapeutic, diagnostic and research purposes. Gene constructs including the NA can also be used as part of a gene therapy protocol. The antibodies can be used to block the action of the HH proteins and allow the study of the role of these proteins, e.g. in embryogenesis and/or maintenance of differentiated tissue.

WO 9518856A

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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